

A METHOD AND APPARATUS FOR AUTOMATIC MODULATION OF
PHOTO-EMITTER BRIGHTNESS IN AN OPTICAL ENCODER

ABSTRACT OF THE DISCLOSURE

5 A code strip, an optical encoder using such a strip and a method
thereof are described. The code strip includes a calibration area. Light
transmitted from a light source through the calibration area on the code strip
is converted into an electrical calibration signal. This signal is a function of
the transparency of the calibration area. The brightness of the light source is
10 automatically modulated to compensate for degradation of transparency of
the calibration area.